

September 26, 1953

Dr. J. L. Howatt
Drawer 940
Fredericton, N.B.

Dear Dr. Howatt:

In response to your letter of the 23d, I am sending under separate cover the following auxotrophic mutants of Escherichia coli:

W-1343 (threonineless in Y-87 [Genetics, 32:514, table 5])

stated to require threonine + methionine, received from
B.D. Davis.

W-1361 (prolineless in 58-161 [Proc. Nat. Acad. Sci. US 31:217])

proline + methionine. also from Davis.

W-1343 and W-1361 are both ultimately derived from E. coli strain K-12.

W-1663 prolineless from E. coli strain B]
W-1669 leucineless " " " " "] from A. Novick

These strains have not recently been checked for purity and authenticity. Please call my attention to any anomalous behavior.

I am also sending some reprints covering techniques for the isolation of auxotrophic mutants.

Yours sincerely,

Joshua Lederberg